

Right Angle BNC Female (Jack) PCB Connector Thru Hole Solder

RA BNC female connector with crimp/solder attachment for thru hole, part number FMCN1814, from Fairview Microwave is in-stock and ships same day. This BNC female connector operates up to a maximum frequency of 5 GHz and offers excellent VSWR of 1.05:1. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA BNC female connector FMCN1814 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		5	GHz
VSWR			1.05:1	
Insertion Loss			0.25	dB
Operating Voltage (DC)			500	Vdc
DWV (DC)			1,500	Vdc
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size	
Length	1.24 in [31.5 mm]
Width/Dia.	0.57 in [14.48 mm]
Height	0.57 in [14.48 mm]

Material Specifications

Description	Material	Plating
Contact	Bronze	Gold
Insulation	PTFE	
Outer Conductor	Bronze	Gold
Body	Brass	Nickel

Environmental Specifications

Temperature	
Operating Range	-40 to 85 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:



Configuration:

- BNC Female Connector
- 50 Ohms
- Right Angle Body Geometry
- Thru Hole Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 5 GHz Max.
- Excellent VSWR of 1.05:1
- Gold Plated Bronze Contact

Applications:

- General Purpose Test
- PCB Applications

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Right Angle BNC Female (Jack) PCB Connector Thru Hole Solder from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Right Angle BNC Female \(Jack\) PCB Connector Thru Hole Solder FMCN1814](#)

URL: <https://www.fairviewmicrowave.com/bnc-female-connector-fmcn1814-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	10/13/2021	SRAUTUS

RECOMMENDED MOUNTING HOLE DIMENSIONS

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<p>Fairview Microwave an INFINIT[®] brand</p>	<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</p> <p>TOLERANCES:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">.X = ±.2 [5.08]</td> <td style="width: 33%;">FRACTIONS ± 1/32</td> <td style="width: 33%;">L ≤ 12 [305] = +1 [25] / -0</td> </tr> <tr> <td>.XX = ±.02 [.51]</td> <td>± 1/32</td> <td>12 [305] < L ≤ 60 [1524] = +2 [51] / -0</td> </tr> <tr> <td>.XXX = ±.005 [.13]</td> <td>ANGLES ± 1°</td> <td>60 [1524] < L ≤ 120 [3048] = +4 [102] / -0</td> </tr> <tr> <td></td> <td></td> <td>120 [3048] < L ≤ 300 [7620] = +6 [152] / -0</td> </tr> <tr> <td></td> <td></td> <td>300 [7620] < L = +5%L / -0</td> </tr> </table>	.X = ±.2 [5.08]	FRACTIONS ± 1/32	L ≤ 12 [305] = +1 [25] / -0	.XX = ±.02 [.51]	± 1/32	12 [305] < L ≤ 60 [1524] = +2 [51] / -0	.XXX = ±.005 [.13]	ANGLES ± 1°	60 [1524] < L ≤ 120 [3048] = +4 [102] / -0			120 [3048] < L ≤ 300 [7620] = +6 [152] / -0			300 [7620] < L = +5%L / -0	<p>THIRD-ANGLE PROJECTION</p> <p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.</p> <p>SHEET 1 OF 1</p> <p>SCALE N/A</p>
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